



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4121-3
Job Sheet 200067



Part No: D4121-3

Job Qty: 10 pcs

Part Name: Hose Assembly



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 9/6/19

Job Tracking No:

Due Date: 9/23/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV D IPP REV:A NEW ISSUE 10-10-05 JLM VERIFIED BY:DD IPP REV:B AS PER ECN 11-598 11-06-05 JLM VERF:DD IPP REV:C 11.11.16 AS PER DWG REV.D DD VERF:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier	Sign-off
100	Purchasing <i>Arrival</i>	10 pcs	9/23/19	9/23/19	0.00	0.00	Purchasing - 1	<i>R</i> OCT 09 2019
							Purchasing - 2	
							Purchasing - 3	
110	Packaging 2-1 - Receive - B4B	10 pcs	9/23/19	9/23/19	0.00	0.00	Packaging 2 - 1 - B4B	<i>R</i> OCT 09 2019
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S221380



Part: D4121-3

Job No: 200067

Serial No/Batch: S221380

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 10/09/19

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					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
120 QC 6	10 pcs	9/23/19	0.00 0.00	QC 6 - 9		
				QC 6 - 68		
				QC 6 - 61		
				QC 6 - 40		
				QC 6 - 81		
130 Small Fab - 2 - B4B	10 pcs	9/23/19	0.00 0.75	Small Fab - 1 - B4B		
				Small Fab - 2 - B4B		
				Small Fab - 3 - B4B		
				Small Fab - 4 - B4B		
				Small Fab - 5 - B4B		
				Small Fab - 6 - B4B		
				Small Fab - 7 - B4B		
				Small Fab - 8 - B4B		
140 QC 5	10 pcs	9/23/19	0.00 0.00	QC 5 - 10		
				QC 5 - 12		
				QC 5 - 17		
				QC 5 - 18		
				QC 5 - 19		
				QC 5 - 22		
				QC 5 - 24		
				QC 5 - 3		
				QC 5 - 43		
				QC 5 - 49		
				QC 5 - 51		
				QC 5 - 58		
				QC 5 - 68		
				QC 5 - 9		
				QC 5 - 50		
				QC 5 - 30		
				QC 5 - 40		
				QC 5 - 61		
				QC 5 - 81		
150 Packaging 3-1 - Stock - B4B	10 pcs	9/23/19	0.00 0.00	Packaging 3 - 1 - B4B		
				Packaging 3 - 2 - B4B		
				Packaging 3 - 3 - B4B		
				Packaging 3 - 4 - B4B		
				Packaging 3 - 5 - B4B		
				Packaging 3 - 6 - B4B		
				Packaging 3 - 7 - B4B		
				Packaging 3 - 8 - B4B		
				Packaging 3 - 9 - B4B		
				Packaging 3 - 10 - B4B		
				Packaging 3 - 11 - B4B		
				Packaging 3 - 12 - B4B		
				Packaging 3 - 13 - B4B		
				Packaging 3 - 14 - B4B		
				Packaging 3 - 15 - B4B		
				Packaging 3 - 16 - B4B		
				Packaging 3 - 17 - B4B		
				Packaging 3 - 18 - B4B		

NOV 07 2019
DAS 40
9-88

NOV 08 2019

NOV 12 2019
DAS 68
9-89

NOV 13 2019
DAS 74
9-89

				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	DAS
160	QC 21 - SA	10 pcs	9/23/19	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70
					QC 21 - SA - 53
					Broussard

DAS**21****53****NOV 13 2019**

Part Op **100** - (Purchasing) Create D2729-1 label and include with W/O
 Descriptions: **110** - (Receive & Inspect for Damage & Mat'l Certs) Ensure Material Release Note is attached
120 - (QC6- All purchased or subcontracted products)
130 - (Small Fab) Install D2729-1 as per Dwg D4121
140 - (QC5- Inspect part completeness to step on W/O)
150 - (Identify as per dwg & Stock Location: _____)
160 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
156003-6D0590	Hose Assembly D4121-3	10 pcs (1 ea)	100-Purchasing	S-224378
D2182-045	Heat Shrink 4.5" Long	10 pcs (1 ea)	130-Small Fab - 2 - B4B	S 225284

Job Allocations

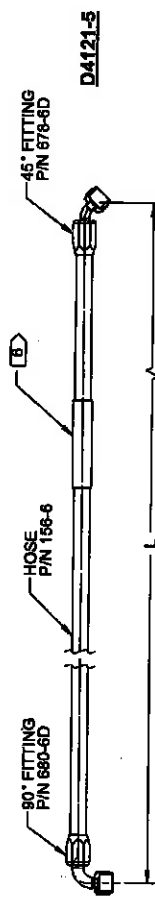
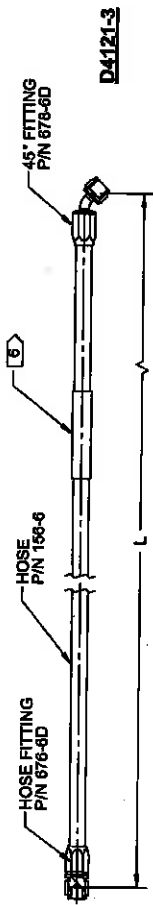
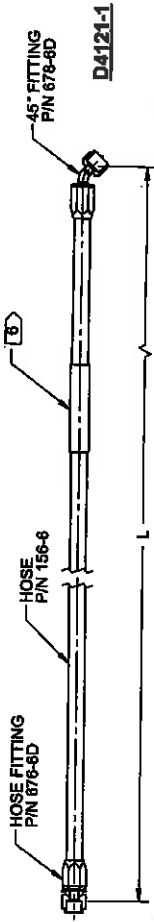
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	156003-6D0590	10	0	0
130-Small Fab - 2 - B4B	D2182-045	10	25	0

Part Specifications

Specifications could not be found.

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HOSE SPECIFICATION			
DART P/N	STRATORLEX P/N	VENDOR	L
D4121-1	156003-800274	API AVIAL	27.50
D4121-3	156003-800690	API AVIAL	59.00
D4121-5	156003-800690	API AVIAL	105.50



- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.006 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N & BIN USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
 - 7) WEIGHT: N/A
 - 8) STAINLESS STEEL COVERING TO HAVE MINIMUM THICKNESS OF 0.015"

UNCONTROLLED COPY
SUBJECT TO CHANGE
WITH NO ORDER
NO. 200062 MJS
19-05-06

RELEASED
R 2011-11-16
JMD

REV.	DESIGN	RF	DESCRIPTION	BY	DATE
D	PIN 156003-800690 WAS 156003-800570 (ZIN D2-1)	RF			11.11.14
C	ADD PIN 156003-800570 TO D4121-5	RF			11.07.27
B	PIN 678-8D WAS PIN 678-8S (ZIN C4-1) B4-11 PIN 678-8D WAS 678-8S (ZIN D2-1) OR-11 PIN 680-8D WAS PIN 680-8S (NOTE 6) UPDATE STRATORLEX P/N (ZIN D2-1) UPDATE	RF			11.03.07
A	NEW ISSUE	RF			10.05.16
DESIGN	DRAWN	RF			
CHECKED		RF			
MFG. APPR.					
APPROVED					
DE APPR.					
DATE	11.11.14				

DART AEROSPACE USA, INC.
KENT, WA
DRAWING NO. D4121
SHEET 1 OF 1
SCALE
NTS
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Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐



Job: _____		DISPOSITION		DEPARTMENT/PROCESS									
Part No. _____		Rework ☐ Scrap ☐ Use-as-is ☐		Skid-tube ☐ Machining ☐ Large Fab ☐		Cross tube ☐ Small Fab ☐ Finishing ☐		Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐		Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date: _____		Sequence #: _____		QTY Affected: _____		MRB (QSI042)							
Description Work Order Deviation				Disposition									
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐				FAULT CATEGORY									
				Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Other/Details: _____		Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐		Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread ☐			
Completed By _____				Lead hand / Supervisor _____				QC / QA Coordinator _____					

Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐



Job: _____ Part No. _____		DISPOSITION Rework ☐ ☐ Scrap ☐ ☐ Use-as-is ☐ ☐		DEPARTMENT/PROCESS Skid-tube ☐ ☐ ☐ ☐ ☐ Machining ☐ ☐ ☐ ☐ ☐ Large Fab ☐ ☐ ☐ ☐ ☐ Cross tube ☐ ☐ ☐ ☐ ☐ Small Fab ☐ ☐ ☐ ☐ ☐ Finishing ☐ ☐ ☐ ☐ ☐ Eng. (Non-AW) ☐ ☐ ☐ ☐ ☐ Prod. Eng. Coord. ☐ ☐ ☐ ☐ ☐ Rec/Store/Packaging ☐ ☐ ☐ ☐ ☐ Engineering ☐ ☐ ☐ ☐ ☐ Water Jet ☐ ☐ ☐ ☐ ☐ Supplier ☐ ☐ ☐ ☐ ☐ Quality ☐ ☐ ☐ ☐ ☐	
Date :	Sequence #:	QTY Affected :		MRB (QS1042)	
Description Work Order Deviation		Disposition			
Root Cause Operator ☐ ☐ ☐ ☐ ☐ Manufacturing Process ☐ ☐ ☐ ☐ ☐ Equip/Tooling ☐ ☐ ☐ ☐ ☐ Handling/Preservation ☐ ☐ ☐ ☐ ☐ Material ☐ ☐ ☐ ☐ ☐ Product Improvement ☐ ☐ ☐ ☐ ☐ Process Improvement ☐ ☐ ☐ ☐ ☐ Human Factors ☐ ☐ ☐ ☐ ☐		FAULT CATEGORY Contamination ☐ ☐ ☐ ☐ ☐ Misaligned/off center ☐ ☐ ☐ ☐ ☐ BOM/Route ☐ ☐ ☐ ☐ ☐ Broken/Damage/Defect ☐ ☐ ☐ ☐ ☐ Incomplete/Unclear Instructions ☐ ☐ ☐ ☐ ☐ Drill Holes ☐ ☐ ☐ ☐ ☐ Fit/Function ☐ ☐ ☐ ☐ ☐ Pressure/Forced ☐ ☐ ☐ ☐ ☐ Bending ☐ ☐ ☐ ☐ ☐ Crushing ☐ ☐ ☐ ☐ ☐ Cracks ☐ ☐ ☐ ☐ ☐ Crimp/Kink/Ripple/Wave/Twist ☐ ☐ ☐ ☐ ☐ Marks/Chatter ☐ ☐ ☐ ☐ ☐ Mislabeled ☐ ☐ ☐ ☐ ☐ Other/Details: _____			
		Power Loss/Surge ☐ ☐ ☐ ☐ ☐ Folio/Program ☐ ☐ ☐ ☐ ☐ Grain Direction ☐ ☐ ☐ ☐ ☐ Weld ☐ ☐ ☐ ☐ ☐ Wrong Stock Pulled ☐ ☐ ☐ ☐ ☐ Out of Sequence ☐ ☐ ☐ ☐ ☐ Off-set/Set-up ☐ ☐ ☐ ☐ ☐			
		Positioned Wrong ☐ ☐ ☐ ☐ ☐ Outside Tolerance ☐ ☐ ☐ ☐ ☐ Drawing ☐ ☐ ☐ ☐ ☐ Finish ☐ ☐ ☐ ☐ ☐ Part Lost/Missing ☐ ☐ ☐ ☐ ☐ Misread ☐ ☐ ☐ ☐ ☐			
Completed By		Lead hand / Supervisor			
		QC / QA Coordinator			

9/12/2019

PURCHASE ORDER



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044457



Revised

Supplier: AVI002-VU
Aviall
PO BOX 842267
Dallas, TX 75284-2267 USA
Phone: 905-676-1695
Fax: 905-676-9046

PO No: POHB044457
PO Date: 9/9/19
Due Date: 9/20/19
Purchase Order Revision:
Revision Date:
Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pynt Terms: Net 30

Freight Terms:
Special Comments:

E-MAILED
2019-09-12

Special Comments:

Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	200066	156003-6D0274	156003-6D0274	Hose Assembly D4121-1 As per Dwg D4121 Rev. D.	Firmed X24	-	9/20/19	24 pcs	0 pcs	24 pcs	\$252.75/pcs	\$6,066.00
												OCT 09 2019
2	200068	156062D1054D000	156062D1054D000	Hose Assembly D4121-5 As Per Dwg D4121 Rev. D	Firmed X12	-	9/20/19	12 pcs	0 pcs	12 pcs	\$573.87/pcs	\$6,886.44
												OCT 09 2019
3	200067	156003-6D0590	156003-6D0590	Hose Assembly D4121-3 As Per Dwg D4121 Rev. D	Firmed X10	-	9/20/19	10 pcs	0 pcs	10 pcs	\$310.35/pcs	\$3,103.50
												OCT 09 2019
Grand Total:												\$16,055.94

Order Notes

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

- Procurement Quality Clauses
- A005 RIGHT OF ENTRY
 - A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
 - A012 CHEMICAL AND PHYSICAL TEST REPORTS
 - A016 PERSONNEL QUALIFICATION
 - A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
 - A026 CERTIFICATION OF MATERIAL CONFORMANCE
 - A041 QUALITY MANAGEMENT SYSTEM
 - A042 DART NOTIFICATION BY SUPPLIER
 - A043 RETENTION OF QUALITY DOCUMENT
 - A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
 - A049 SUPPLIER AWARENESS

Plex 9/12/19 3:51 PM Dart.Guerin.Kimberley



A Boeing Company

PACKING LIST

CUSTOMER PO: POHB044457
ORDER NUMBER: 1005415426
ORDER DATE: 07OCT19

SHIP TO
10003951
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
CANADA

SHIP FROM
10003951
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
CANADA

SHIP FROM
1025
AVIALL DENVER HOSE SHOP
DENVER HOSE SHOP
7285 S REVERE PKWY, STE 703
CENTENNIAL CO 80112-3928
USA

PAGE: 1 of 1
DATE: 07OCT19
TIME: 14:15:33
EMP: 00000000
ORD TYP: ZOR 132
CURRENCY: USD
TERMS: Net 30

DELIVERY NUMBER: 8007997984

ROUTE: US FedEx International Priority

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	QUANTITY BACK ORDER	UOM	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
00010	0	1S	156003-6D0274 HOSE: MED PRESSURE, RUBBER	24	24	0	EA	252.75	6,066.00
BATCH 100204905									
00020	0	1S	156062D1054D000 HOSE: MED PRESSURE, RUBBER	12	24	0	EA	573.87	6,886.44
BATCH 100204906									
00030	0	1S	156003-6D0590 HOSE: MED PRESSURE, RUBBER	10	12	0	EA	310.35	3,103.50
BATCH 100204907									
					10				

RECEIVED

OCT 09 2019

DART AEROSPACE LTD.

This is not an Invoice.
For payment processing, please refer to Invoice.

The recipient of these goods agrees to comply with all export regulations governing the transfer, sale, lease, or use of these goods.
Diversion contrary to U.S. Law is prohibited.

CERTIFICATE OF CONFORMANCE

This Certificate of Conformance affirms that the products, articles or parts referenced on this document are new or overhauled, are traceable to the approved source and, when required, were manufactured under an aviation Authority approval. All Original Manufacturers' Certifications are maintained and can be made available upon request. For overhauled or repaired products, the original FAA 8130-3/EASA Form 1 or equivalent aviation Authority tag is attached to the component. Products, articles or parts were not subjected to adverse operating conditions or excessive temperatures.

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL
RETURNED MERCHANDISE SUBJECT TO HANDLING
FEE.

CUSTOMER COPY

07OCT19
Date



A Boeing Company

Hose Shop 7285 S Revere Pkwy, Ste 703, Centennial, CO 80112-3928

Phone: 303-460-7708

Fax: 303-460-1190

WWW.AVIALL.COM

TSO CERTIFICATION

It is hereby certified that (A) The parts and/or materials reflected herein were produced under Federal Aviation Administration approved manufacturing and quality control system/methods as set forth in the FAA issued technical standard order authorizations (TSOA) issued to Stratoflex and (B) such parts and/or materials are new and are in condition for safe operation.

Boeing Order Number: 1005415426

0010: 156003-6D0274

24 ea. ✓

0020: 156062D1054D000

12 ea. ✓

0030: 156003-6D0590

10 ea. ✓

Signed: _____

DAS
40
9-89

Date: 10/07/2019

Boeing Distribution, Inc. is not providing OEM parts. Boeing Distribution, Inc. is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ~~ONLY~~ and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43. If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.